



EU PVSEC 2017

Our second preview is of the European Photovoltaic Solar Energy Conference and Exhibition (EU PVSEC 2017). Once again this will be an exciting event with the possibility of seeing the latest innovations, meeting up with the key players in our industry and a golden networking opportunity.

Conference: 25 – 29 September 2017

Exhibition: 25 – 28 September 2017

**RAI Convention & Exhibition Centre,
Amsterdam, The Netherlands**

EU PVSEC is a fixed appointment in the calendar of PV experts – and has been for decades. In the 33rd edition from 25 to 29 September the global PV R&D community will meet in Amsterdam to discuss the latest developments and innovations.

Research and technology innovations, as well as policy and strategy framework conditions – the future of photovoltaics will be shaped by a unique alliance between researchers, industry, and politics at the EU PVSEC 2017.

Over 1250 abstracts have been received for the Call for Papers of the 33rd European Photovoltaic Solar Energy Conference and Exhibition (EU PVSEC).

Arno Smets, General Chairman of the upcoming EU PVSEC 2017 commented, 'I am very happy with the large number of abstracts submitted. The submissions demonstrate that the interest in photovoltaics keeps on growing.'

The abstracts were received from corresponding authors in 70 countries. Most abstracts were handed in from Germany with a share of around 21%, followed by the host country The Netherlands (8%). Around half of the top 10 respondents came from European countries, including France (5%), Italy (4%),

Switzerland (4%) and Spain (3%). Scientists from Asia's leading PV nations have shown big interest in EU PVSEC as well, with most abstracts coming from Japan (5%), China (4%), Korea (3%), Taiwan (3%) and India (3%).

Further top contributors are the US (4%) and from North Africa, Morocco (4%), a pioneer in off-grid solar and currently developing some of the most ambitious utility-scale solar power projects on that continent.

'The large international response shows that the PV revolution is happening everywhere! I am proud to conclude that the 33rd EU PVSEC, this year in Amsterdam, will be a unique global platform to share the latest insights in global PV developments.

The abstracts we have received cover a wide variety of interesting results and insights in science, technology, finances, policies and markets, supporting all major future energy scenarios that forecast a key role for photovoltaic solar energy in our future energy infrastructure. Come to Amsterdam and get inspired by the latest advances in photovoltaics!' said Arno Smets.



The abstracts received have been reviewed and scored by the EU PVSEC Scientific Committee made up of 181 renowned research and industry experts from the global PV sector in, order to assemble the EU PVSEC 2017 Conference Programme.

The agenda provides an overview on the latest R&D in photovoltaic technology from the leading global researchers of institutes, universities and solar companies.

EU PVSEC 2017 Conference Main Topics

- New Materials and Concepts for Photovoltaic Devices
- Silicon Photovoltaics
- Thin-film Photovoltaics
- Concentrator and Space Photovoltaics
- Performance, Reliability and

Sustainability of Photovoltaic Modules and Balance of System Components

- PV System Performance and Integration
- PV Economics, Markets and Policies

The EU PVSEC 2017 Conference programme is structured in keynote, plenary, oral and visual presentations and covers the entire range of PV research, technologies and applications, focusing on the latest scientific, technological and market-related trends. The EU PVSEC thus strengthens its established leading role in science and technology among the players of the global PV sector.

Global demand for solar energy is quickly growing – around 50% to 76.5 GW last year, likely over 80 GW in 2017, and forecasted to reach according to the Global Market Outlook around 772 GW of total installed

capacity by 2021 in the most likely Medium Scenario – research has been a key factor supporting this development.

The strong cost reduction of solar power to levels that have reached now less than 3 US cents per kWh in the lowest tenders, increasingly enable new utility-scale PV installations to outcompete new gas, coal or nuclear power plants.

This would not have happened without the crucial strong increase in cell and module efficiencies, material improvements, and innovation for balance-of-system technologies.

To keep this momentum going and speed up dissemination of clean and flexible solar power to much higher levels (the Global Market Outlook forecasts in its High Scenario a total installed capacity of nearly 1 TW by 2021 under optimal framework conditions), further technological improvements are needed.

When looking at the 33rd EU PVSEC programme with its more than 1,180 presentations (plenaries, orals, visuals) in 7 different fields and in other presentations in parallel events, we are on the right track.

EU PVSEC Background

EU PVSEC is the most important international conference for the photovoltaics sector. For more than 30 years, it has been serving as the annual meeting point for PV experts from research, development and the industry.

Technological innovations, the latest findings in research, strategies, and economical as well as political framework conditions – the future of photovoltaics will be shaped by a unique alliance between research, industry, and politics at the EU PVSEC.

The quality of this event’s program is unrivalled throughout the world – a fact which is ensured every single year by the Scientific Committee comprising more than 180 international photovoltaics experts. At last year’s 32nd EU PVSEC 1,053 keynote, plenary, oral and visual presentations and 70 presentations for several parallel events were held.

The EU PVSEC Conference program is coordinated by the European Commission Joint Research Centre.

The upcoming EU PVSEC will take place from 25 - 29 September 2017 in Amsterdam, The Netherlands.

Contact: press@wip-munich.de

www.photovoltaic-conference.com